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NOTICE OF ALLOWANCE AND FEE(S) DUE

25944

7590

02/23/2009

OLIFF & BERRIDGE, PLC P.O. BOX 320850 ALEXANDRIA, VA 22320-4850 EXAMINER

VERBITSKY, GAIL KAPLAN

ART UNIT PAPER NUMBER

2855 DATE MAILED: 02/23/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/584.940	07/05/2006	Taku Ibuki	128601	1151

TITLE OF INVENTION: METHOD OF ESTIMATING TEMPERATURE OF GAS MIXTURE FOR INTERNAL COMBUSTION ENGINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/26/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notificate	correspondence including below or directed oth tions	g the Patent, advance of erwise in Block 1, by (a	rders and notification of n a) specifying a new corres	naintenance fees wil pondence address; a	I be mailed to the curren and/or (b) indicating a sep	t correspondence address as parate "FEE ADDRESS" for	
	ENCE ADDRESS (Note: Use Blo	ock 1 for any change of address)	Fee(s) Transmittal. This rs. Each additional	certificate cannot be used	or domestic mailings of the for any other accompanying ent or formal drawing, must	
25944	7590 02/23/	2009	nave		ficate of Mailing or Tran		
OLIFF & BER P.O. BOX 32085 ALEXANDRIA	*		I her State addr trans	eby certify that this is Postal Service wit essed to the Mail i mitted to the USPTO	Fee(s) Transmittal is being his updated by the see of the stop ISSUE FEE address (2) (571) 273-2885, on the	smission g deposited with the United rst class mail in an envelope s above, or being facsimile date indicated below.	
						(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	1	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/584,940	07/05/2006	•	Taku Ibuki	•	128601	1151	
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL FEE(S) DU	E DATE DUE	
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/26/2009	
•			· 	\$ 0	\$1610	03/20/2009	
EXAM		ART UNIT	CLASS-SUBCLASS				
VERBITSKY, C	GAIL KAPLAN ence address or indication	2855	374-144000 2. For printing on the page 2.				
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attorned in the control of the	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	fied below, no assignee	FHE PATENT (print or type data will appear on the pa T a substitute for filing an a (B) RESIDENCE: (CITY	tent. If an assignee assignment.		document has been filed for	
Please check the appropri	iate assignee category or	categories (will not be pr	inted on the patent): \Box	Individual 🖵 Cor	poration or other private g	roup entity 🗖 Government	
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			☐ A check is enclosed. ☐ Payment by credit car ☐ The Director is hereby	A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
a. Applicant claims	tus (from status indicated s SMALL ENTITY statu	s. See 37 CFR 1.27.	•••		ENTITY status. See 37 (
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if requeecords of the United Sta	ired) will not be accepted tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a regist	ered attorney or agent; or	the assignee or other party in	
Authorized Signature				Date			
Typed or printed name				Registration Noo obtain or retain a benefit by the public which is to file (and by the USPTO to process			
This collection of inform an application. Confident submitting the completed his form and/or suggesti Box 1450. Alexandria, V	ation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this bur irginia 22313-1450. DO	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR	on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office COMPLETED FORMS TO	etain a benefit by the mated to take 12 mi idual case. Any com r, U.S. Patent and T D THIS ADDRESS.	e public which is to file (ar mutes to complete, includi ments on the amount of t rademark Office, U.S. De SEND TO: Commissioner	nd by the USPTO to process) ing gathering, preparing, and time you require to complete ourtment of Commerce, P.O. for Patents, P.O. Box 1450,	

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/584,940	07/05/2006	Taku Ibuki	128601 1151		
25944 75	590 02/23/2009		EXAM	INER	
OLIFF & BERRIDGE, PLC P.O. BOX 320850			VERBITSKY, GAIL KAPLAN		
			ART UNIT	PAPER NUMBER	
ALEXANDRIA, V	/A 22320-4850		2855	2855	
			DATE MAILED: 02/23/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 366 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 366 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
Notice of Allowability	10/584,940 Examiner	IBUKI ET AL. Art Unit			
	Examiner				
	Gail Verbitsky	2855			
The MAILING DATE of this communication appears and claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	S (OR REMAINS) CLOSED 5) or other appropriate comn RIGHTS . This application is	in this application. If not included nunication will be mailed in due cour	se. THIS		
1. This communication is responsive to <u>12/05/2008</u> .					
2. ☑ The allowed claim(s) is/are <u>1-14</u> .					
 3. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents ha) or (f).			
2. Certified copies of the priority documents ha		ion No.			
3. \(\sum \) Copies of the certified copies of the priority of	• •		from the		
International Bureau (PCT Rule 17.2(a)).	iodanionio navo boom roccii	ou in this hadenal stage approacher			
* Certified copies not received:					
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IMENT of this application.				
 A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which gi 			CE OF		
5. CORRECTED DRAWINGS (as "replacement sheets") m	ust be submitted.				
(a) I including changes required by the Notice of Draftspe	erson's Patent Drawing Revie	ew (PTO-948) attached			
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	<u>_</u> ;				
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date					
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			k) of		
 DEPOSIT OF and/or INFORMATION about the department department regarding REQUIREMEN 			the		
Attachment(s) 1. M Notice of Peferences Cited (PTO 892)	5. Notice of I	nformal Potent Application			
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		nformal Patent Application Summary (PTO-413),			
 Information Disclosure Statements (PTO/SB/08), 	Paper No	o./Mail Date s Amendment/Comment			
Paper No./Mail Date					
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	_	s Statement of Reasons for Allowan	ce		
	9.	<u> </u>			
/Gail Verbitsky/					
Primary Examiner, Art Unit 2855					